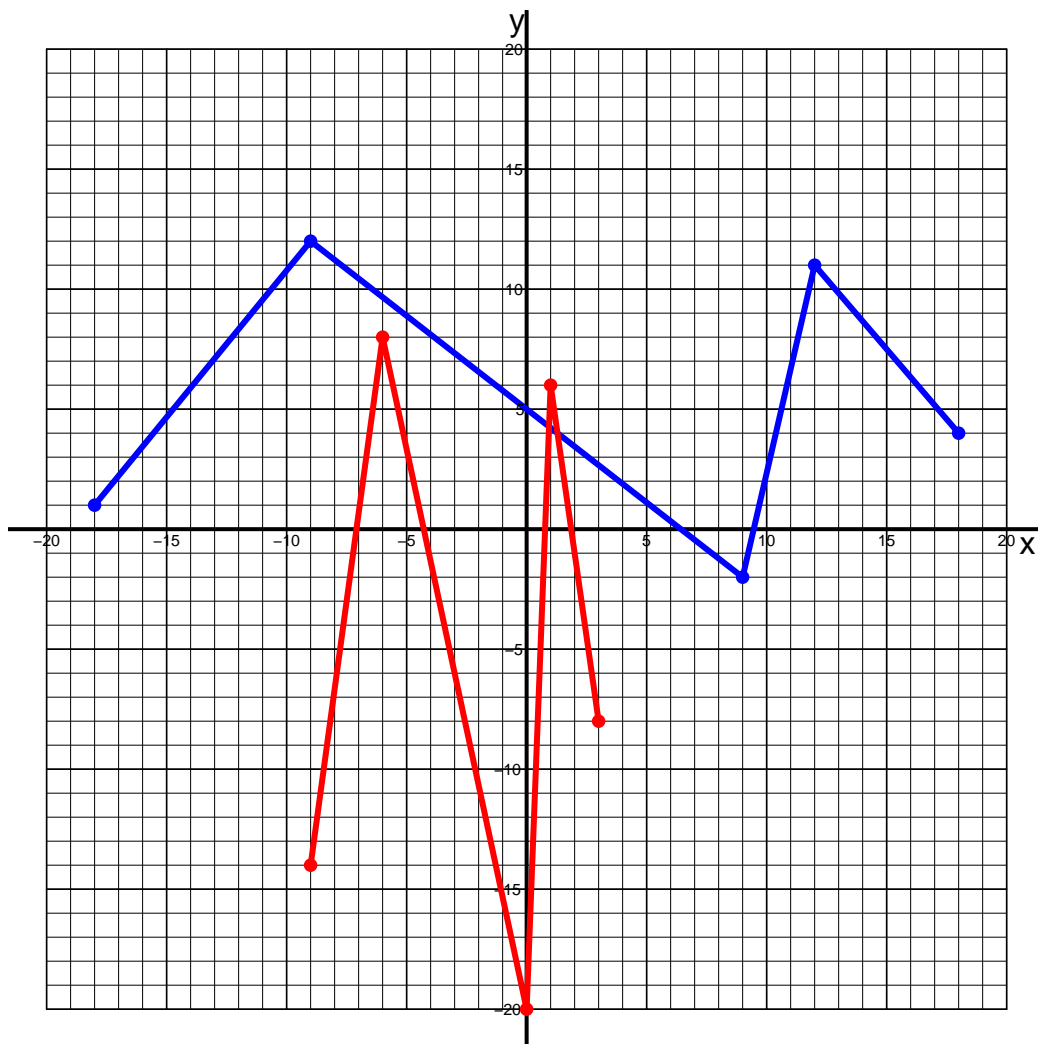Name: _____   Date: _____

PCW_09_23: Graphing Function Transformations (version 5)

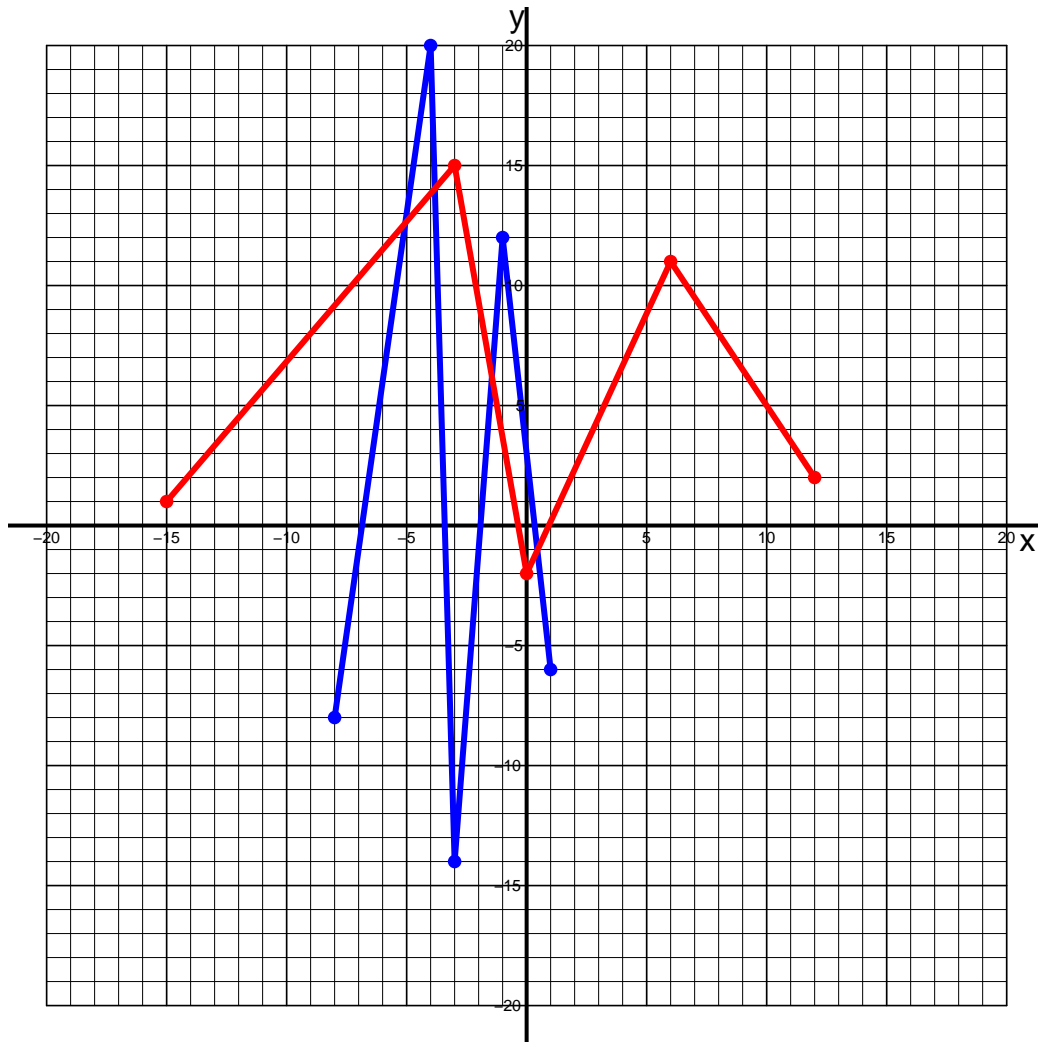1. Curve $y = f[x]$ is plotted below.

On the same plane, please draw the curve represented by the equation below:

$$y = 2 \cdot (f[3x + 9] - 8)$$

PCW_09_23: Graphing Function Transformations (version 5)

2. Curve $y = f[x]$ is plotted below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x-9}{3}\right]}{2} + 5$$